

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L28	1	("2005/0157971").URPN.	USPAT	OR	ON	2007/04/09 10:31
S1	6	"00237410" "03098527"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 07:45
S2	16	"0237410"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 07:46
S3	0	03/098527	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 07:46
S4	4	"03098527"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 07:49
S5	1	"10525487"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 08:28
S6	38	martin near1 liess	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 08:50

## EAST Search History

S7	12	((("6552713") or ("5803729") or ("6099541") or ("6168814") or ("6275634") or ("6391400"))).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/29 08:53
S8	11	((("5382785") or ("4733609") or ("5262636") or ("3644042") or ("6233045"))).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/29 08:53
S9	3	("4692924"   "5200604"   "5285058").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/29 08:54
S10	6	("5803729"   "6099541"   "6168814"   "6275634"   "6391400"   "6552713").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/29 08:56
S11	9	("3644042"   "4733609"   "5262636"   "5382785"   "6233045"   "6246482"   "6330057"   "6424407"   "6452683").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/29 09:00
S15	6	((("6498602") or ("6480187") or ("6429856"))).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/29 09:11
S16	8	((("5789739") or ("6091405") or ("4733022") or ("5164714"))).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/29 09:12
S17	28	"0237124"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 09:13

## EAST Search History

S18	18838968	"0"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 09:12
S19	6	"0942285"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 09:12
S20	6	"0942285"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 09:12
S21	2	"20030016365"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 09:14
S22	2	("6707027").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/29 09:14
S23	9	("3644042"   "4733609"   "5262636"   "5382785"   "6233045"   "6246482"   "6330057"   "6424407"   "6452683").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/29 09:15
S24	22	("4257670"   "4647771"   "4751505"   "4799055"   "4807166"   "4857903"   "4920260"   "4922236"   "5078470"   "5424756"   "5432530"   "5463387"   "5691898"   "5694123"   "5801681"   "5825308").PN. OR ("6552713"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/29 09:29
S25	6	("5803729"   "6099541"   "6168814"   "6275634"   "6391400"   "6552713").PN. OR ("6872931"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/29 09:31

## EAST Search History

S26	19	("4257670"   "4647771"   "4751505"   "4799055"   "4807166"   "4857903"   "4920260"   "4922236"   "5078470"   "5432530"   "5463387"   "5661502"   "5801681"   "5943233"   "6094191"   "6205021"   "6324310"   "6552713").PN. OR ("6847350"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/29 09:31
S27	77	("3936712"   "4093872"   "4254333"   "4533827"   "4641350"   "4658303"   "4690554"   "4784484"   "4812833"   "4854688"   "4896363"   "4914624"   "4977601"   "5065146"   "5103085"   "5103486"   "5131038"   "5148015"   "5177802"   "5194105"   "5210588"   "5229764"   "5239166"   "5280527"   "5311611"   "5337043"   "5355148"   "5453606"   "5467403"   "5508719"   "5532476"   "5538691"   "5546471"   "5553019"   "5577848"   "5578817"   "5605406"   "5621207"   "5623553").PN. OR ("5801681").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/29 09:42
S28	2	("6707027").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/29 09:50
S29	2	"20020104957"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 09:52
S30	3	"00203875.0"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 09:54

## EAST Search History

S31	2651	(250/221).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/29 09:54
S32	2618	(laser adj diode) and (Key\$board\$2) and optical	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 10:04
S33	24	S32 and S31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 09:55
S34	6	("5803729"   "6099541"   "6168814"   "6275634"   "6391400"   "6552713").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/29 09:59
S35	6	("4381446"   "4943712"   "5103085"   "5592033"   "6313825").PN. OR ("6828546"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/29 10:04
S36	5	"00203875"	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/29 10:04
S37	83715	("345").CLAS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/29 10:17
S38	113	S32 and S37	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 10:15

## EAST Search History

S42	303669	(("345") or ("250") or ("356")). CLAS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/29 10:17
S43	501	S32 and S42	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 10:18
S44	388	S43 not S38	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 10:18
S47	2	("6707027").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/29 10:30
S48	9	("6707027").URPN.	USPAT	OR	ON	2007/03/29 10:30
S49	1	10/525487	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 11:27
S50	1	"02076932.9"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 11:41
S51	4331419	radiation source	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 11:42

## EAST Search History

S52	422	(radiation adj source) same (optical adj device)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 11:42
S53	22	(radiation adj source) same (optical adj device) and (key\$board\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 12:49
S57	5	sensors same Key\$board\$2 same (laser adj diode) same keys	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 14:59
S58	883	sensors and Key\$board\$2 and (laser adj diode) and keys	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 15:02
S59	62	S37 and S58	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 15:00
S60	15	sensors and Key\$board\$2 and (two near (laser adj diode)) and keys	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 15:04
S61	1191	Key\$board\$2 and ( (laser adj diodes)) and keys and (position or location)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 16:23

## EAST Search History

S62	0	S61 and 42]	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 15:05
S63	199	S61 and S42	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 15:05
S64	8	("20020021287"   "20020075240"   "20030174125"   "6218967"   "6266048"   "6281878"   "6611252"   "6614422").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/29 15:52
S65	2	("2003/0174125").URPN.	USPAT	OR	ON	2007/03/29 15:52
S66	1	("2005/0157971").URPN.	USPAT	OR	ON	2007/03/29 16:00
S67	10	("20030090885"   "20050157971"   "5097396"   "5397867"   "6023277"   "6179432"   "6609805"   "6776497"   "6897912"   "6987466").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/29 16:01
S68	1837	(385/12).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/29 16:02
S70	23	S68 and (beam or laser or (laser adj diode)) and (key\$board or Key\$pad)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 16:03
S71	0	("2004/0136637").URPN.	USPAT	OR	ON	2007/03/29 16:05
S72	14	"4480183"	USPAT	OR	ON	2007/03/29 16:06
S73	2	("4480183").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/29 16:09



## EAST Search History

S74	12	((("6741189") or ("6175679") or ("5677688") or ("4726646") or ("4641026") or ("6525677"))).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/29 16:10
S75	15	("3372789"   "3526775"   "3886544"   "4205304"   "4379968"   "4387367"   "4641026"   "4931794"   "5477223"   "5736976"   "6125180").PN. OR ("6525677").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/29 17:50
S80	7378	(light or beam or laser) same keys same (light\$up or (light\$3)) same Key\$board	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 16:19
S81	3051	(light or beam or laser) same keys same (light\$up or (light\$3)) same Key\$board same (group or sets or sections or (first with second))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 16:26
S82	1837	(385/12).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/29 16:24
S83	7	S81 and S82	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 16:24
S84	5	("5111524"   "5579429"   "5793046").PN. OR ("5963680").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/29 16:25
S85	49554	(light or beam or laser) and keys and Key\$board and (group or sets or sections or (first with second)) and (luminate or light)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 16:31

## EAST Search History

S86	13	S85 and S82	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 16:33
S90	2311	((light or beam) adj guide) and (key\$board or key\$pad)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 16:33
S91	2065	((light or beam) adj guide) and (key\$board or key\$pad) and (sets or group or sections)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 16:34
S92	118	((light or beam) adj guide) with (key\$board or key\$pad) and (sets or group or sections)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 16:34
S93	110	((light or beam) adj guide) with key) and (key\$board or key\$pad) and (sets or group or sections)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 16:38
S94	9108	((light or beam or luminate) with key) and (key\$board or key\$pad)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 16:39
S95	12	S82 and S94	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 16:40

## EAST Search History

S96	10	((("5943233") or ("6707027") or ("5262636")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/29 16:43
S99	23	"0211406"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 16:44
S10 0	10	cobben adj1 louis	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 16:51
S10 1	1	"02076932.9"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 16:51
S10 2	1	("2005/0157971").URPN.	USPAT	OR	ON	2007/03/29 16:55
S10 3	10	("20030090885"   "20050157971"   "5097396"   "5397867"   "6023277"   "6179432"   "6609805"   "6776497"   "6897912"   "6987466").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/29 16:56
S10 4	13	("20030103359"   "4060703"   "4322997"   "4365120"   "4433225"   "5266949"   "5868487"   "6179432"   "6191939"   "6199996"   "6369801"   "6747402"   "6764191").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/29 17:09
S10 5	1274	(362/84).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/29 17:07
S10 8	26	(Illuminat\$3 adj keyboard) and S105	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/29 17:14

## EAST Search History

S10 9	22	("4320268"   "4811175").PN. OR ("6217183").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/29 17:12
S11 0	0	(Illuminat\$3 adj cell\$phone) and S105	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/29 17:14
S11 1	0	(Illuminat\$3 adj (cell\$phone or phone)) and S105	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/29 17:14
S11 2	21	(Illuminat\$3 adj keys) and S105	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/29 17:15
S11 3	45	(Illuminat\$3 adj keys) and sensor and (laser or beam)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/29 17:15
S11 4	16	("3693492"   "3842708"   "4349705"   "4453062"   "4491692"   "5235636"   "5237607"   "5247700"   "5425077"   "5426732"   "5442687"   "5442746"   "5486846"   "5598469"   "5999827"   "6046730").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/29 17:22
S11 5	4	((("5963671") or ("5297041"))).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/29 17:24
S11 6	4	((("6046730") or ("6369800"))).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/29 17:25
S11 7	3	"20020044782"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 17:25
S11 8	2	"20020063692"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 17:26

## EAST Search History

S11 9	2	"20020105795"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 17:26
S12 0	1233	((345/170) or (362/26)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/29 17:27
S12 1	192	((laser or light or beam) and keys) and S120	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 17:49
S12 2	30	((laser or light or beam) and keys) and S120 and sensor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 17:28
S12 3	20	("4334219"   "4504133"   "4812831"   "5205637"   "5266949"   "5278362"   "5523774"   "5605406"   "5825352"   "5828948"   "5872559"   "5943043"   "6046730"   "6137427"   "6211858"   "6310609").PN. OR ("6498600"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/29 17:35
S12 7	13	"822665"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 17:37
S12 8	18	"6134102"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 17:37

## EAST Search History

S12 9	5181	((light or beam or luminate) with guide) and (key\$board or key\$pad)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 09:18
S13 0	141660	(first adj set) and (second adj set)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 09:18
S13 1	329	S129 and S130	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 09:21
S13 2	2137	(illuminat\$3 or luminat\$3) same (key\$board or key\$pad or keys) same direction	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 09:22
S13 3	4210	(illuminat\$3 or luminat\$3) same (key\$board or key\$pad or keys) same (direction or path or way)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 09:26
S13 4	177	S133 and S130	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 09:23
S13 5	587	(illuminat\$3 or luminat\$3) same keys same (key\$board or key\$pad) same (direction or path or way)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 09:27

## EAST Search History

S13 6	114	(illuminat\$3 or luminat\$3) same keys same (key\$board or key\$pad) same ((light or beam) with guide)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 10:09
S13 7	9	("3856127"   "4636593"   "4706218"   "4772769"   "5083240"   "5491313"   "5708428"   "5710398"   "5826708").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/30 09:34
S13 8	21	("5083240").URPN.	USPAT	OR	ON	2007/03/30 09:34
S13 9	0	("7180022").URPN.	USPAT	OR	ON	2007/03/30 09:35
S14 0	6	("4387127"   "4772769"   "5063484"   "5936554"   "6548779"   "6575586").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/30 09:35
S14 1	11	("4914553"   "5053928"   "5197792"   "5872527"   "6160948").PN. OR ("6422712"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/30 09:38
S14 2	80	("4914553").URPN.	USPAT	OR	ON	2007/03/30 09:40
S14 3	0	((illuminat\$3 or luminat\$3) with sensor) same keys same (key\$board or key\$pad) same ((light or beam) with guide)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 10:10
S14 4	212	((light or beam) with guide) same sensors) and (keys same (key\$board or key\$pad))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 10:12
S14 5	3	(multi with light with guide) same (keys same (key\$board or key\$pad))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 10:13
S14 6	13	("4480183").URPN.	USPAT	OR	ON	2007/03/30 10:16
S14 7	0	("7186967").URPN.	USPAT	OR	ON	2007/03/30 10:17

## EAST Search History

S14 8	7722	plurality same ((light or beam or laser) with guide)	USPAT	OR	ON	2007/03/30 10:17
S14 9	56	plurality same ((light or beam or laser) with guide) with keys	USPAT	OR	ON	2007/03/30 10:21
S15 0	60	plurality same ((light or beam or laser) with (path)) with keys	USPAT	OR	ON	2007/03/30 10:22
S15 1	56	S150 not S149	USPAT	OR	ON	2007/03/30 10:25
S15 2	11	plurality same ((light or beam or laser) with (guide)) with (plurality adj1 keys)	USPAT	OR	ON	2007/03/30 10:26
S15 3	9	("3835235").URPN.	USPAT	OR	ON	2007/03/30 10:26
S15 4	6	("4387127"   "4772769"   "5063484"   "5936554"   "6548779"   "6575586").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/30 10:27
S15 5	0	rene adj juijve	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 10:52
S15 6	1	rene near juijve	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 10:52
S15 7	21	Verweg near Fransiscus	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 10:52



## EAST Search History

S15 8	43	("2772479"   "3419330"   "3432237"   "3511150"   "3737233" "3856403"   "3888589"   "4040741"   "4148585"   "4188124" "4719455"   "4794384"   "4815850"   "4968877"   "4990791" "5011287"   "5064280"   "5080465"   "5098190"   "5100230" "5100234"   "5118932"   "5159406"   "5165045"   "5175534" "5184009"   "5216478"   "5274361"   "5285157"   "5317385" "5355148"   "5459570"   "5483377"   "5557396"   "5559600" "5587785"   "5588437"   "5610705"   "5801889").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/30 11:45
S15 9	1837	(385/12).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/02 09:19
S16 0	71	S159 and (keys) and (illuminat\$4 or luminat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 09:19
S16 1	17	("5071248"   "5077210"   "5430813"   "5512492"   "5677196" "5736257"   "5822472"   "5827748"   "6078705"   "6110749").PN. OR ("6192168"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/02 09:21
S16 2	365	(laser or beam) same (row and column) same window	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/02 09:29
S16 3	2778	(laser or beam) same (control with (keys or(row and column)))	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/02 09:29
S16 4	85	(laser or beam) same (control with (keys or(row and column))) same window	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/02 09:30

## EAST Search History

S16 5	614	(laser or beam) same (control with (keys or(row and column))) same (window or surface)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 09:35
S16 6	655	(optical) same (control with (keys or(row and column))) same (window or surface)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 09:35
S16 7	546	S166 not S165	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 09:35
S16 8	19	("2168886"   "3516529"   "3581003"   "3758785"   "3886544"   "4278965"   "4417824"   "4679186"   "4745630"   "4905163"   "5043920"   "5182466"   "5189416"   "5289365"   "5301284").PN. OR ("5729754"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/02 09:57
S16 9	17036	optical with (keys or Key\$board)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/02 09:58
S17 0	1440	(optical with (keys or Key\$board)) same sensor	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/02 10:01
S17 1	92	(optical with (keys or Key\$board) with beam) same sensor	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/02 10:01
S17 2	15	("3372789"   "3526775"   "3886544"   "4205304"   "4379968"   "4387367"   "4641026"   "4931794"   "5477223"   "5736976"   "6125180").PN. OR ("6525677"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/02 10:05
S17 3	15	("3372789"   "3526775"   "3886544"   "4205304"   "4379968"   "4387367"   "4641026"   "4931794"   "5477223"   "5736976"   "6125180").PN. OR ("6525677"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/02 10:21

## EAST Search History

S17 4	67	("2772479"   "3419330"   "3432237"   "3511150"   "3737233"   "3856403"   "3888589"   "4040741"   "4148585"   "4188124"   "4719455"   "4794384"   "4815850"   "4968877"   "4990791"   "5011287"   "5064280"   "5080465"   "5098190"   "5100230"   "5100234"   "5118932"   "5159406"   "5165045"   "5175534"   "5184009"   "5216478"   "5274361"   "5285157"   "5317385"   "5355148"   "5459570"   "5483377"   "5557396"   "5559600"   "5587785"   "5588437"   "5610705"   "5801889").PN. OR ("6424407").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/02 15:11
S17 5	2	"20060152494"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 15:13
S17 6	56	(optical adj (mouse or key\$board)) same ((time adj period) or pulse)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 08:49
S17 7	14	(optical adj (mouse or key\$board)) and ((time adj period)) and (sleep adj mode) and sensor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 08:50

## EAST Search History

S17 8	68	("2772479"   "3419330"   "3432237"   "3511150"   "3737233"   "3856403"   "3888589"   "4040741"   "4148585"   "4188124"   "4719455"   "4794384"   "4815850"   "4968877"   "4990791"   "5011287"   "5064280"   "5080465"   "5098190"   "5100230"   "5100234"   "5118932"   "5159406"   "5165045"   "5175534"   "5184009"   "5216478"   "5274361"   "5285157"   "5317385"   "5355148"   "5459570"   "5483377"   "5557396"   "5559600"   "5587785"   "5588437"   "5610705"   "5801889").PN. OR ("6424407").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/03 09:52
S17 9	0	(laser near diode) and optical and key\$board and phone and cell\$phone and mobile\$phone and computer and ((handheld or portable) near computer) and remote	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 14:12
S18 0	8	(laser near diode) and optical and key\$board and phone and cell\$phone and computer and ((handheld or portable) near computer) and remote	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 14:36
S18 1	2	("6424407").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/03 14:37
S18 2	2	("6246482").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/03 14:37
S18 3	3	("6452683").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/03 14:47

## EAST Search History

S18 4	459	optical near key\$board	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 14:48
S18 5	516	optical near (key\$board or key\$pad)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 14:48
S18 6	15	S185 and phone and laptop and computer and remote	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 14:48
S18 7	6	("5803729"   "6099541"   "6168814"   "6275634"   "6391400"   "6552713").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/03 15:06
S18 8	2	("6278499").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/03 15:06
S18 9	16	(computer and laptop and PDA) same (optical with (key\$board or key\$pad))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 15:22
S19 0	944	(laptop) and (optical with (key\$board or key\$pad))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 15:23

## EAST Search History

S19 1	7	(laptop) and (optical adj (key\$board or key\$pad))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 15:23
S19 2	16	("3796880"   "3937952"   "4417824"   "4480182"   "4480183"   "4480184"   "4716287"   "4731530"   "4807166"   "4860008"   "4884073"   "4906843"   "4922236"   "5036191"   "5049863"   "Re33422").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/03 15:54
S19 3	2100	laptop with desktop with computer with portable	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/03 15:54
S19 4	276	S193 and optic	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/03 15:55
S19 5	13	S193 same optic	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/03 15:55
S19 6	9111	((light or beam or luminate) with key) and (key\$board or key\$pad)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 09:13
S19 7	674	S196 and computer with laptop	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 09:13
S19 8	674	S196 and (computer with laptop)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 09:17
S19 9	977	((back adj lit) or back\$light or back\$lit) with (key\$board or key\$pad)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 09:19

## EAST Search History

S20 0	149	((back adj lit) or back\$light or back\$lit) with (key\$board or key\$pad)) same (laptop or computer or desk\$top or (hand adj held adj computer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 09:25
S20 2	50	S200 and optical	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 09:33
S20 3	9	"9704437"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 09:41
S20 4	8641	(optical with (key\$board or key\$pad))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 10:44
S20 5	359	S204 and (laptop with computer with desktop)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 10:42
S20 6	196	(optical adj1 (key\$board or key\$pad))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 09:57
S20 7	1	S206 and (laptop with computer with desktop)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 09:43
S20 8	4	("RE33422").URPN.	USPAT	OR	ON	2007/04/04 09:49

## EAST Search History

S20 9	2115	(341/22).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/04 09:57
S21 0	9	S209 and (optical adj key\$board)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 09:57
S21 1	12	("4931794").URPN.	USPAT	OR	ON	2007/04/04 09:58
S21 2	41	("3856127"   "4060703"   "4320268"   "4379968"   "4551717"   "4617461"   "4667273"   "4772769"   "4806908"   "4811175"   "4812831"   "4814566"   "4882581"   "4931794"   "5034602"   "5073843"   "5083240"   "5138119"   "5149923"   "5266949"   "5397867"   "5430267"   "5510782"   "5565733"   "5581251"   "5612692"   "5664860"   "5708428"   "5736233"   "5747756"   "5797482"   "5801345"   "5811930"   "5821482"   "5899553"   "5938772"   "5971557"   "6006118"   "6179432"   "6199996"   "6467924").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 09:59
S21 4	2	("5,568,367").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/04 10:41
S21 5	2	("6278499").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/04 10:41



## EAST Search History

S21 6	514	S204 and (remote adj control)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 10:43
S21 7	345	S204 and (remote adj control) and (TV or television)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 10:44
S21 8	196	(optical adj (key\$board or key\$pad))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 10:48
S21 9	6	S218 and (remote adj control) and (TV or television)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 10:45
S22 0	11	S218 and (remote adj control)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 10:45
S22 1	4679722	"36" not S219	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 10:45
S22 2	5	S220 not S219	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 10:45

## EAST Search History

S22 3	283	(optical adj (remote adj control))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 10:48
S22 4	3	(optical adj (remote adj control)) with key\$board	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 10:49
S22 5	4	((remote adj control)) with (optical adj (key\$board or keypad))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 10:49
S22 6	17	("4713535").URPN.	USPAT	OR	ON	2007/04/04 10:49
S22 7	4	"03098527"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 13:05
S22 8	2886544	WO 86/06845	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 13:11
S22 9	7	"8606845"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 13:11

## EAST Search History

S23 0	29	("2772479"   "3419330"   "3432237"   "3511150"   "3737233"   "3856403"   "3888589"   "4148585"   "4188124"   "4635059"   "4794384"   "4815850"   "5064280"   "5100230"   "5148229"   "5159406"   "5274261"   "5274361"   "5457529"   "5459570"   "5557396"   "5587785"   "5588437"   "5610705"   "5829009").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 13:23
S23 1	9	("3737233").URPN.	USPAT	OR	ON	2007/04/04 13:28
S23 2	7	scrolling adj frequency	USPAT	OR	ON	2007/04/04 17:30
S23 3	23	"203875"	USPAT	OR	ON	2007/04/04 17:30
S23 6	17	"0237411"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 16:26
S23 7	0	wo0237411	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 16:26
S23 8	0	wo00237411	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 16:27
S23 9	2	"00237411"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 16:44

## EAST Search History

S24 0	0	ep01/12990	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 16:44
S24 1	286	"12990"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 16:44
S24 2	82	S241 and pct	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 16:45